

i15 VET Veterinary Blood Gas and Chemistry Analysis System

Parameter	Reportable Range	Resolution	Measurement method
pH (pH units)	6.5 – 8.0	0.001	Potentiometric sensor
pO2 (mmHg)	10 – 700	0.1	Amperometric sensor
pCO2 (mmHg)	10 – 150	0.1	Potentiometric sensor
Na (mmol/L)	100 – 180	0.1	Potentiometric sensor
K (mmol/L)	2.0 - 9.0	0.01	Potentiometric sensor
Ca (mmol/L)	0.25 – 2.5	0.01	Potentiometric sensor
CI (mmol/L)	65 – 140	0.1	Potentiometric sensor
Glu (mg/dL or mmol/L)	20 - 700\1.1 - 38.9	1/0.1	Amperometric sensor
Lac (mg/dL or mmol/L)	2.7 – 180.2\0.3 -20	0.1/0.01	Amperometric sensor
Hct (%PCV or Fraction)	10 - 75\0.10 - 0.75	1%/0.01	Conductance sensor

Specification

Throughput	Results in 1 minute after sample aspiration
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Sample volume	140µl / 80µl
Quality control	3 or 5 levels QC, External electronic simulator
Display	7-inch color LCD Display, 800*480
Interface	4 x USB 2.0 host, 1 x RS232, WLAN
Input device	Touch screen and barcode scanner
Power supply	100~240VAC, 50/60Hz
Battery	4200mAh rechargeable lithium-ion battery, 50 samples continuous testing
Dimensions (W*H*D)	238*153*310 mm
Weight	3.65 KG
Operation Environment	10 °C - 31 °C; %RH: 25%-80%; 70 - 106.6 KPa

About Edan

Edan is a healthcare company dedicated to improving the human condition around the world by delivering value-driven, innovative and high-quality medical products and services. For over 20 years, Edan has been pioneering a comprehensive line of medical solutions that address a broad range of healthcare practices including:

Diagnostic ECG

• OB/GYN

- Ultrasound Imaging
- In-Vitro Diagnostics
- Patient Monitoring • Point-of-Care Testing
- Veterinary

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ENG-POCT-i15VET-V1.1-20210729

Healthcare professionals around the world depend on Edan's breakthrough medical technologies and outstanding customer support.



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i15 VET Veterinary Blood Gas and Chemistry Analyzer

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i15 VET Veterinary Blood Gas and Chemistry Analyzer

i15 VET Quality Control System Triple Guarantee the Result



Portable, lightweight

 Capable to run 50 samples with fully-charged battery • Diagnose at the point of care, patient side, out in the field or exam room

Easy, Quick and Convenient • Zero maintenance

- Minimize hands on time and training requirement
- Auto-sampling
- Report is ready within one minute after sample aspiration

Accurate and Reliable

- Innovative microchip liquid control technology and micro-sensor multifunction membrane technology
 High sensitivity and accuracy
 Calibrator, Control and Electronic simulator to TRIPLE guarantee the RESULTS!

- Flexible Data Management

 Acquire patients' information via barcode/QR code
- Up to 10,000 patient data storage
 4 USB ports and LAN/WiFi for data management
- Optional data management software

Multi-parameter cartridge

- Multi popular time-sensitive parameters come in one cartridge, including ABG, electrolytes and metabolites
- Single-use cartridge avoids contamination
- Room temperature storage with long shelf-life



Fouch screen with built-in multimedia tutorials

Variety of test Cartridges

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